



**US Army Corps
of Engineers®**

Public Notice

Public Notice No. **01-87**

Date: November 9, 2001

Nashville District

Application No. **200102011**

Please address all comments to:
Nashville District Corps of Engineers, Regulatory Branch
3701 Bell Road, Nashville, TN 37214

JOINT PUBLIC NOTICE
US ARMY CORPS OF ENGINEERS
AND
STATE OF TENNESSEE

SUBJECT: Proposed Submerged Sewerline Crossings

TO ALL CONCERNED: The application described below has been submitted for a Department of the Army Permit pursuant to **Section 10 of the Rivers and Harbors Act of 1899 and Section 404 of the Clean Water Act (CWA)**. Before a permit can be issued, certification must be provided by the state of Tennessee, pursuant to Section 401(a)(1) of the CWA, that applicable water quality standards will not be violated. By copy of this notice, the applicant hereby applies for the required certification.

APPLICANT: City of Franklin
Water and Sewer Department
405 Hillsboro Road
Franklin, Tennessee 37064

LOCATION and DESCRIPTION: Four Crossings on the Harpeth River from Mile 86.1 to 89.1, One Crossing of Liberty Creek and Two Crossings of Watson Branch for the Southeast Interceptor Sewerline, in Franklin, Williamson County, Tennessee (Franklin Quad)

The proposed work would consist of constructing a new gravity sewerline (pipeline diameter of 54", 48" and 24"). The project would involve a total of 7 crossings of the Harpeth River, Liberty Creek, and Watson Branch. The crossings would be located as follows:

- 1) Crossing #1 – Harpeth River Mile 86.1 (lat 35-56-2.6520; lon 86-52-10.5240)
- 2) Crossing #3 (as numbered on the location map) – Liberty Creek Mile 0.1, a tributary to Harpeth River Mile 87.2R (lat 35-55-37.9200; lon 86-51-48.6360)
- 3) Crossing #4 – Harpeth River Mile 87.2 (lat 35-55-33.9600; lon 86-51-48.6360)
- 4) Crossing #6 – Harpeth River Mile 87.9 (lat 35-55-14.1600; lon 86-51-46.2240)

- 5) Crossing #8 - Harpeth River Mile 89.1 (lat 35-54-33.6240; lon 86-51-19.4760)
- 6) Crossing #11 – Watson Branch Mile 1.2, a tributary to Harpeth River Mile 89.2R (lat 35-54-32.6520; lon 86-50-11.3640)
- 7) Crossing #12 – Watson Branch Mile 1.4, a tributary to Harpeth River Mile 89.2R (lat 35-54-28.6920; lon 86-50-4.0560)

To prevent French drain effects, the pipe would be encased with concrete and check dams constructed of compacted clay, approximately 6' wide, on both sides of the stream crossings (see typical section for crossings). Riprap would be backfilled in the trench to pre-construction contours.

Stream flow would be maintained during construction. Cofferdams would be placed on one-half of the stream at a time in order to perform the open-trench construction in the dry. The cofferdams would be constructed of concrete barriers, plastic lining, and sandbags.

The purpose of the proposed sewerline to provide adequate capacity for wet weather at peak flows and provide adequate sewer service to customers in the service area.

Plans of the proposed work are attached to this notice.

The decision whether to issue a permit will be based on an evaluation of the probable impacts including cumulative impacts of the activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which reasonably may be expected to accrue from the work must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the work will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, cultural values, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shore erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership, and, in general, the needs and welfare of the people. In addition, the evaluation of the impact of the activity on the public interest will include application of the guidelines promulgated by the Administrator, Environmental Protection Agency, under authority of Section 404(b)(1) of the CWA (40 CFR Part 230). A permit will be granted unless the District Engineer determines that it would be contrary to the public interest.

The Corps of Engineers is soliciting comments from the public; federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition, or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the

preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

An Environmental Assessment will be prepared by this office prior to a final decision concerning issuance or denial of the requested Department of the Army Permit.

A Phase I archaeological survey was performed for the proposed project. As a result, the Tennessee Historical Commission responded by letter dated October 17, 2001, that based on the information provided, they find that the project area contains no archaeological resources eligible for listing in the National Register of Historic Places.

Based on available information, the proposed work will not destroy or endanger any federally-listed, threatened, or endangered species or their critical habitats, as identified under the Endangered Species Act, and, therefore, initiation of formal consultation procedures with the U.S. Fish and Wildlife Service is not planned at this time.

Other federal, state, and/or local approvals required for the proposed work are as follows:

Water quality certification from the state of Tennessee in accordance with Section 401(a)(1) of the Clean Water Act.

Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for public hearings shall state, with particularity, the reasons for holding a public hearing.

Written statements received in this office on or before December 10, 2001, will become a part of the record and will be considered in the determination. Any response to this notice should be directed to the Regulatory Branch, Attention: Amy Robinson, at the above address, telephone (615) 369-7509.

PN 01-87

PIPELINE ALIGNMENT

CROSSING #1

CROSSING #3

CROSSING #4

CROSSING #6

HWY. 96

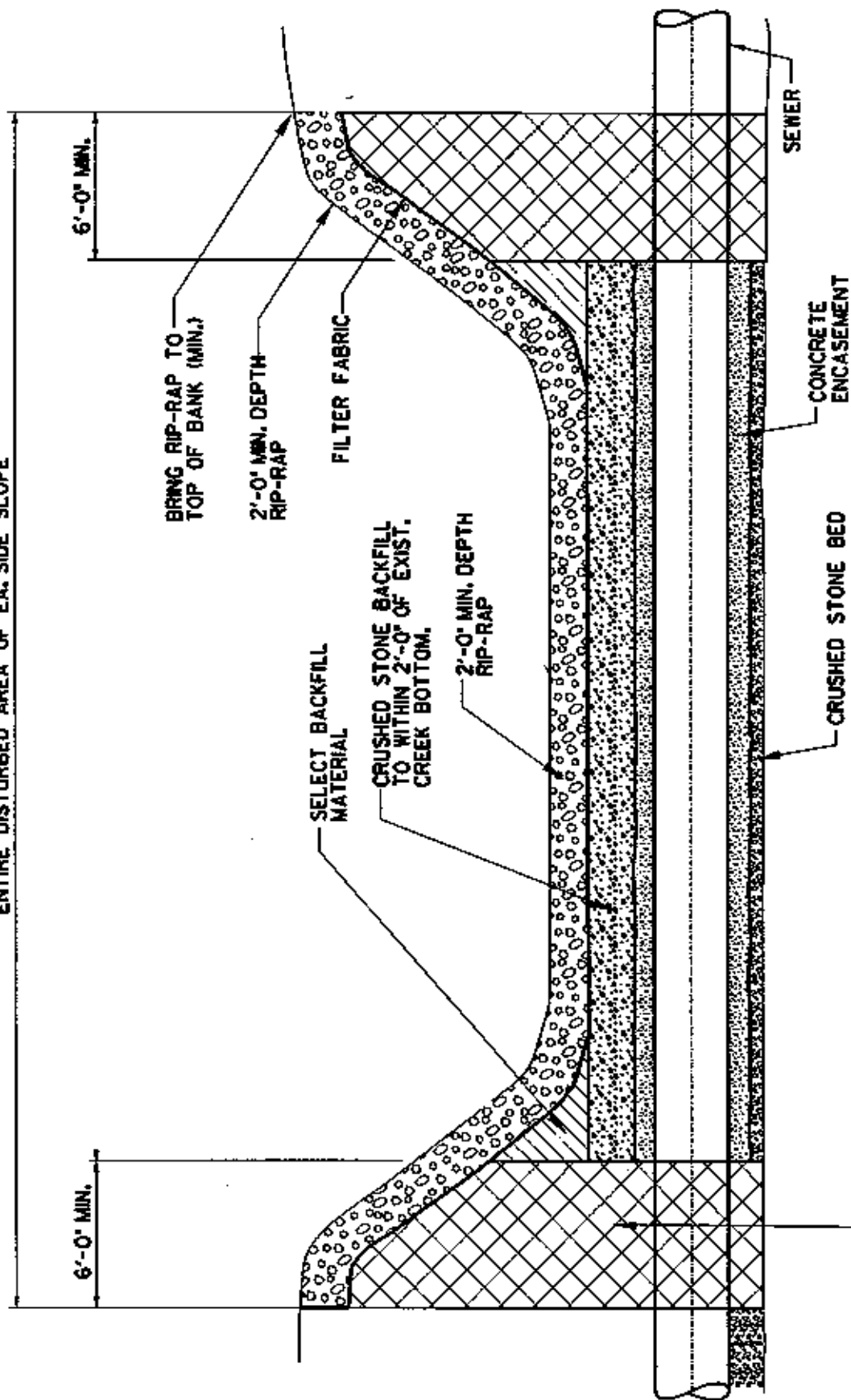
1-65

CROSSING #1 1

CROSSING #8

CROSSING #12

RIP-RAP TO BE PLACED FROM TOP
OF BANK TO TOP OF BANK AND ACROSS
ENTIRE DISTURBED AREA OF EA. SIDE SLOPE



6' MIN. WIDTH CLAY CELL
PLACED IN MAXIMUM 8'
LAYERS, COMPACT TO 95%
MAX. DENSITY. (TYP. BOTH
SIDES)

STREAM CROSSING DETAIL
SCALE: _____ NONE

File No. 200102011
PA 01-07

REVISED 11/10/01